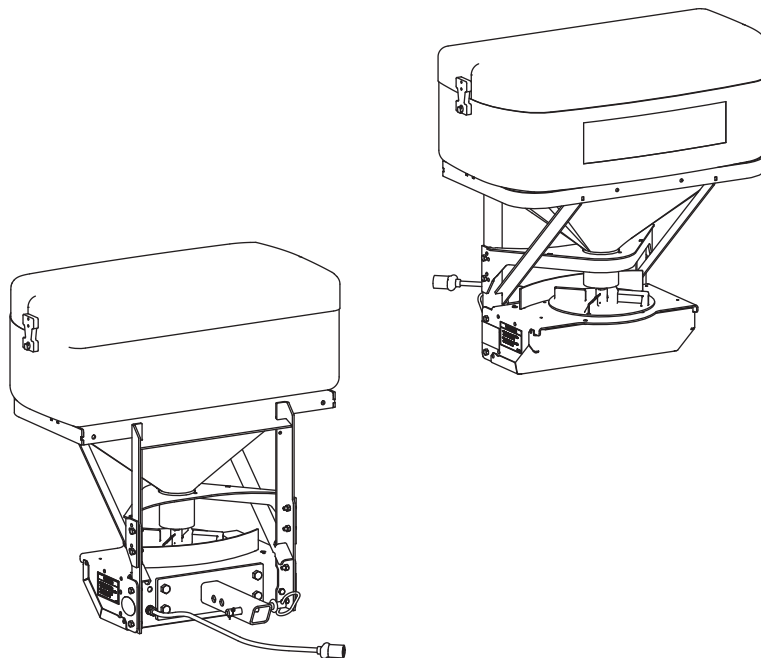




# **SP-325, SP-575X, SP-1075X**

## **Single-Stage Tailgate Spreaders**

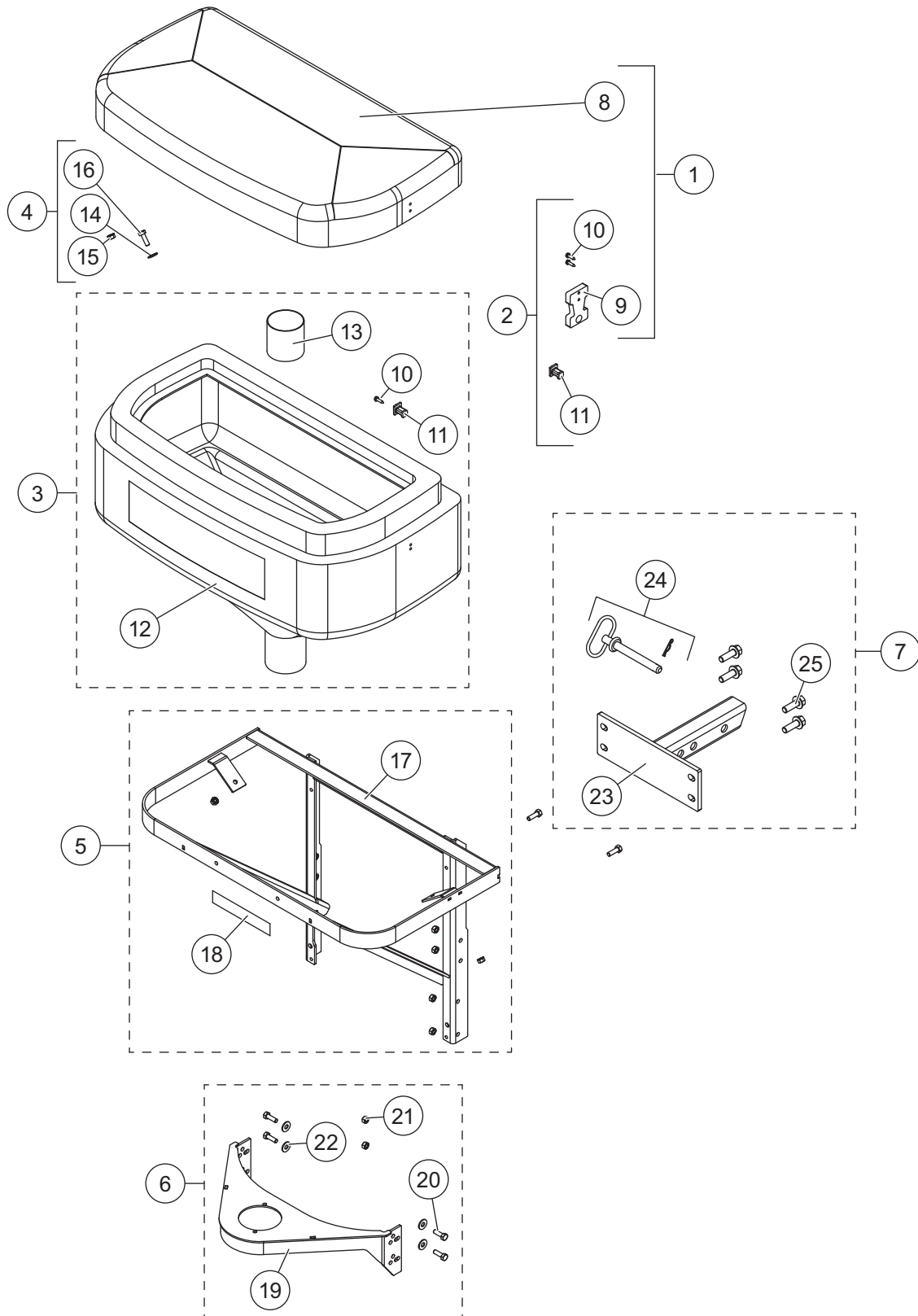
### **Parts List**



This Parts List is for SnowEx single-stage tailgate spreaders with serial numbers 140502300135 and higher (Model SP-325), 140718300683 and higher (Model SP-575X) and 140722300276 and higher (Model SP-1075X).

# SP-325 TAILGATE SPREADER

## HOPPER AND FRAME ASSEMBLY

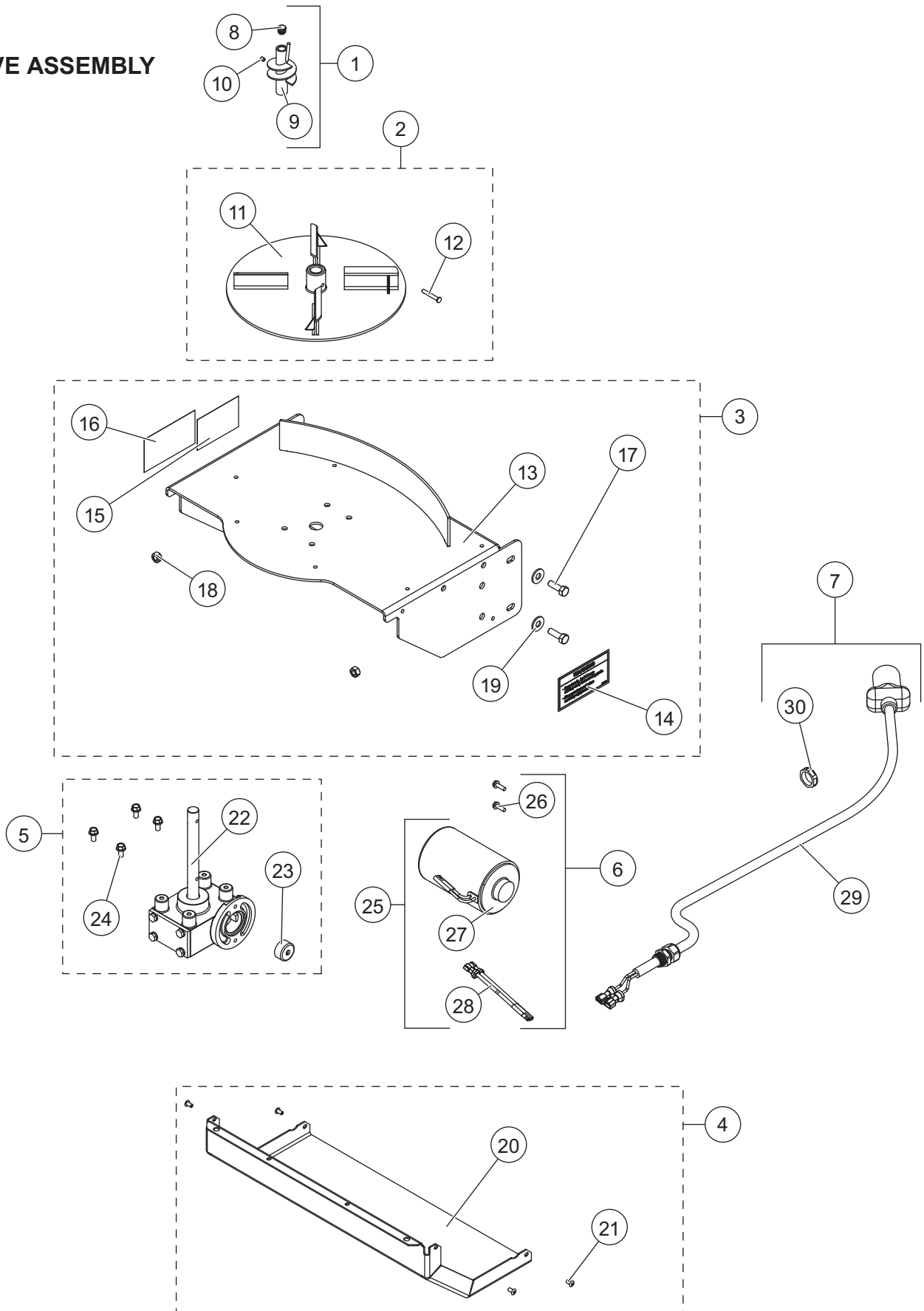


## SP-325 TAILGATE SPREADER

| Hopper and Frame Assembly |       |     |                                        |                                  |        |     |                                 |
|---------------------------|-------|-----|----------------------------------------|----------------------------------|--------|-----|---------------------------------|
| Item                      | Part  | Qty | Description                            | Item                             | Part   | Qty | Description                     |
| 1                         | 75611 | 1   | Lid Kit, SP-325                        | 5                                | 75616  | 1   | Frame Kit, SP-325               |
| 2                         | 75612 | 1   | Hopper Strap Kit                       | 6                                | 75617  | 1   | Hopper Throat Kit               |
| 3                         | 75613 | 1   | Hopper Kit, SP-325                     | 7                                | 75619  | 1   | Receiver Kit                    |
| 4                         | 75614 | 1   | Hopper Hardware Kit                    |                                  |        |     |                                 |
| <b>Item 1</b>             |       |     |                                        | <b>75611 Lid Kit, SP-325</b>     |        |     |                                 |
| 8                         |       | 1   | Hopper Lid, SP-325                     | 10                               |        | 4   | 10 x 3/4 Slotted Cap Screw      |
| 9                         |       | 2   | Flexible Draw Latch                    |                                  |        |     |                                 |
| <b>Item 2</b>             |       |     |                                        | <b>75612 Hopper Strap Kit</b>    |        |     |                                 |
| 9                         | D6105 | 2   | Flexible Draw Latch                    | 11                               | D6198  | 2   | Latch Keeper                    |
| 10                        |       | 6   | 10 x 3/4 Slotted Cap Screw             |                                  |        |     |                                 |
| <b>Item 3</b>             |       |     |                                        | <b>75613 Hopper Kit, SP-325</b>  |        |     |                                 |
| 12                        |       | 1   | Hopper, SP-325                         | 11                               |        | 2   | Latch Keeper                    |
| 13                        |       | 1   | Throat Liner, Stainless Steel          | 10                               |        | 2   | 10 x 3/4 Slotted Cap Screw      |
| <b>Item 4</b>             |       |     |                                        | <b>75614 Hopper Hardware Kit</b> |        |     |                                 |
| 14                        |       | 2   | 3/8 Flat Washer                        | 16                               |        | 2   | 5/16-18 x 1-1/4 Hex Cap Screw   |
| 15                        |       | 2   | 5/16-18 Hex Locknut GB                 |                                  |        |     |                                 |
| <b>Item 5</b>             |       |     |                                        | <b>75616 Frame Kit, SP-325</b>   |        |     |                                 |
| 17                        |       | 1   | Main Frame, SP-325                     | 18                               | 75648  | 1   | Label, Die Cut – Junior 325     |
| <b>Item 6</b>             |       |     |                                        | <b>75617 Hopper Throat Kit</b>   |        |     |                                 |
| 19                        |       | 1   | Throat Support                         | 21                               |        | 4   | 5/16-18 Serrated Flange Nut     |
| 20                        |       | 4   | 5/16-18 x 1 Hex Cap Screw              | 22                               |        | 4   | 5/16 Flat Washer                |
| <b>Item 7</b>             |       |     |                                        | <b>75619 Receiver Kit</b>        |        |     |                                 |
| 23                        |       | 1   | Hitch, 2" Receiver Utility             | 25                               | T40109 | 4   | 1/2-13 x 1 1/2 Hex Cap Screw G5 |
| 24                        | 75620 | 1   | 5/8 x 5-1/2 Hitch Pin w/Hairpin Cotter |                                  |        |     |                                 |
| ns = not shown            |       |     |                                        | G = Grade                        |        |     |                                 |

# SP-325 TAILGATE SPREADER

## DRIVE ASSEMBLY

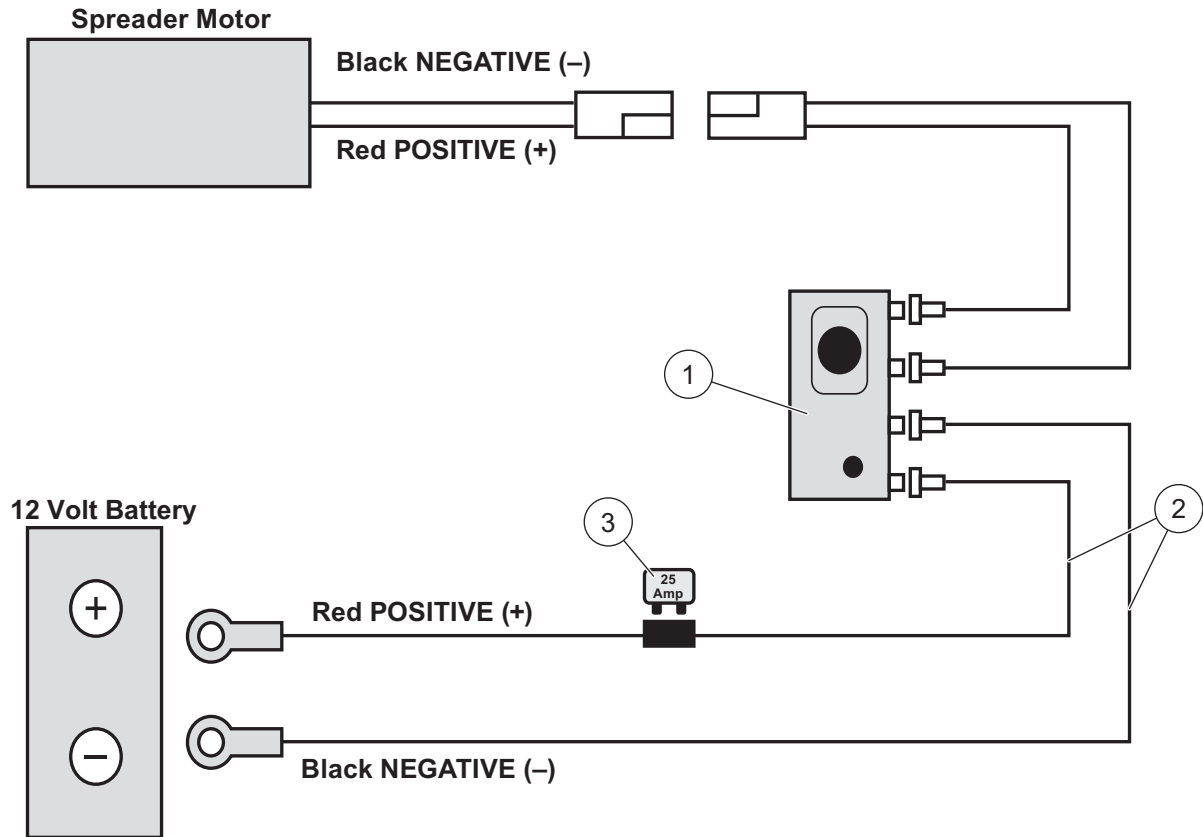


## SP-325 TAILGATE SPREADER

| 75697 Drive Assembly                                        |       |     |                                    |      |       |     |                                 |
|-------------------------------------------------------------|-------|-----|------------------------------------|------|-------|-----|---------------------------------|
| Item                                                        | Part  | Qty | Description                        | Item | Part  | Qty | Description                     |
| 1                                                           | 75615 | 1   | Auger Kit                          | 5    | 75625 | 1   | Transmission Kit                |
| 2                                                           | 75618 | 1   | Spinner Kit                        | 6    | 75626 | 1   | Motor Kit                       |
| 3                                                           | 75628 | 1   | Transmission Enclosure Kit         | 7    | 75627 | 1   | Power Cable Kit                 |
| 4                                                           | 75624 | 1   | Transmission Enclosure Cover Kit   |      |       |     |                                 |
| <b>Item 1 75615 Auger Kit</b>                               |       |     |                                    |      |       |     |                                 |
| 8                                                           | D6191 | 1   | Auger Cap                          | 10   | D6140 | 1   | 5/16-18 x 3/8 Set Screw         |
| 9                                                           | D6075 | 1   | Auger                              |      |       |     |                                 |
| <b>Item 2 75618 Spinner Kit</b>                             |       |     |                                    |      |       |     |                                 |
| 11                                                          | D6750 | 1   | Spinner, Poly                      | 12   | D6746 | 1   | 3/16 x 1-1/4 Clevis Pin         |
| <b>Item 3 75628 Transmission Enclosure Kit</b>              |       |     |                                    |      |       |     |                                 |
| 13                                                          |       | 1   | Transmission Mount                 | 17   |       | 4   | 5/16-18 x 1 Hex Cap Screw       |
| 14                                                          | 75621 | 1   | Label, Warning – Hands & Feet      | 18   |       | 4   | 5/16-18 Serrated Flange Nut     |
| 15                                                          | 75622 | 1   | Label, Warning – Maximum Weight    | 19   |       | 4   | 5/16 Flat Washer                |
| 16                                                          | 75623 | 1   | Label, Warning – Read Manual       |      |       |     |                                 |
| <b>Item 4 75624 Transmission Enclosure Cover Kit</b>        |       |     |                                    |      |       |     |                                 |
| 20                                                          | 75813 | 1   | Transmission Enclosure Cover       | 21   |       | 6   | Rivet 3/16 x .354               |
| <b>Item 5 75625 Transmission Kit</b>                        |       |     |                                    |      |       |     |                                 |
| 22                                                          | D6715 | 1   | Transmission 14.5:1                | 24   |       | 4   | 1/4-20 x 1/2 Serrated Flange SS |
| 23                                                          | D6232 | 1   | Motor Drive Coupler                |      |       |     |                                 |
| <b>Item 6 75626 Motor Kit</b>                               |       |     |                                    |      |       |     |                                 |
| 26                                                          |       | 2   | 10-32 x 5/8 Hex Cap Screw Serrated | 28   | D6652 | 1   | Motor Connector Adapter         |
| 27                                                          | D6214 | 1   | 3 x 3.8 12 V DC Motor              |      |       |     |                                 |
| <b>Item 25 D6106 3 x 3.8 12V DC Motor w/2-Pin Connector</b> |       |     |                                    |      |       |     |                                 |
| 27                                                          | D6214 | 1   | 3 x 3.8 12 V DC Motor              | 28   | D6652 | 1   | Motor Connector Adapter         |
| <b>Item 7 75627 Power Cable Kit</b>                         |       |     |                                    |      |       |     |                                 |
| 29                                                          | D6162 | 1   | 26-1/2 Power Cable                 | 30   | D6781 | 1   | 1/2" NPT Nut Black Nylon        |
|                                                             |       |     |                                    |      |       |     |                                 |

# SP-325 TAILGATE SPREADER

## ELECTRICAL COMPONENTS



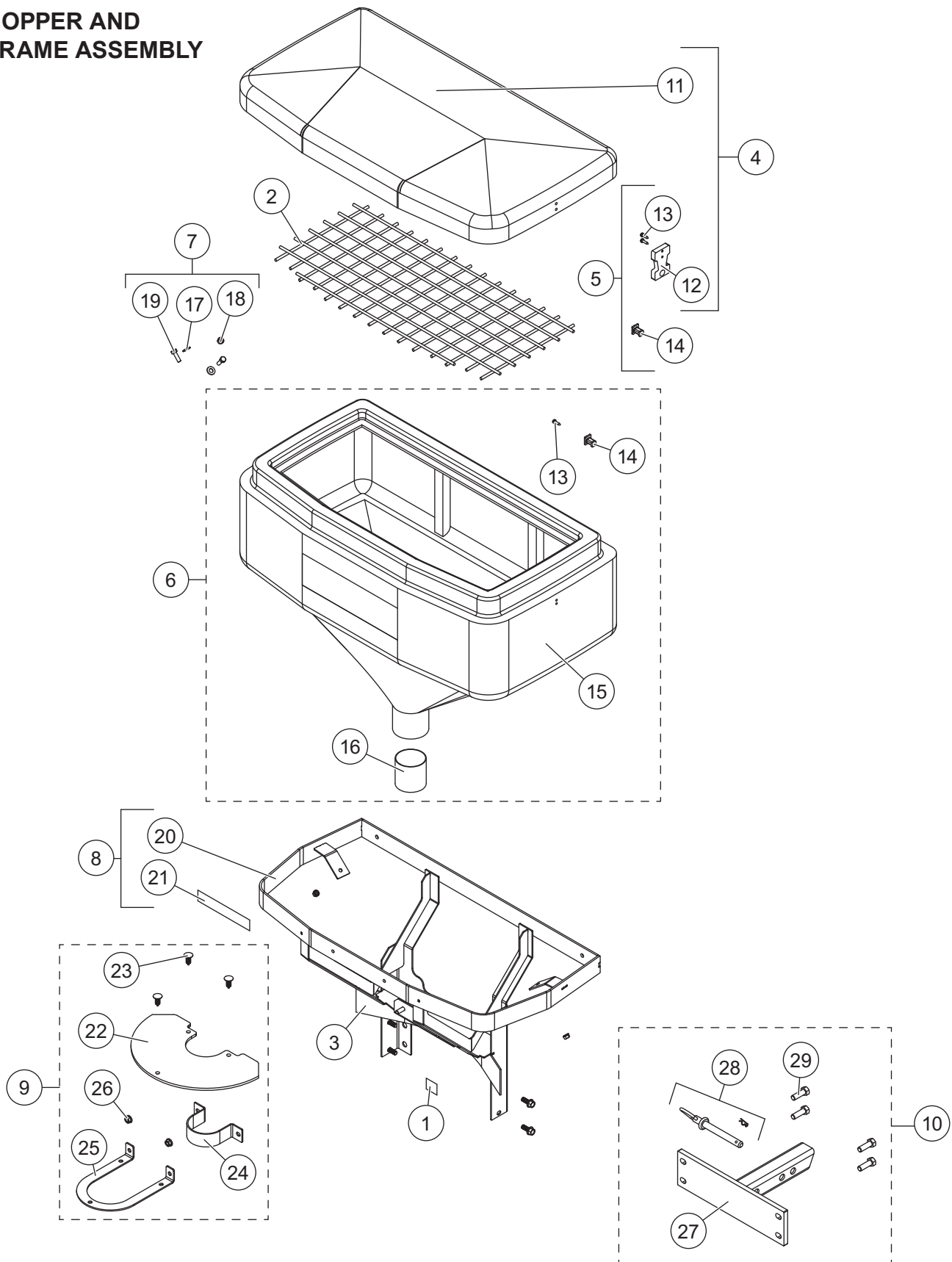
## SP-325 TAILGATE SPREADER

---

| Electrical Components, SP-325 |       |     |                 |      |       |     |                |
|-------------------------------|-------|-----|-----------------|------|-------|-----|----------------|
| Item                          | Part  | Qty | Description     | Item | Part  | Qty | Description    |
| 1                             | D6474 | 1   | Mini Control    | 3    | D6748 | 1   | 25 Amp Breaker |
| 2                             | D6486 | 1   | Harness, SP-325 |      |       |     |                |

# SP-575X TAILGATE SPREADER

## HOPPER AND FRAME ASSEMBLY

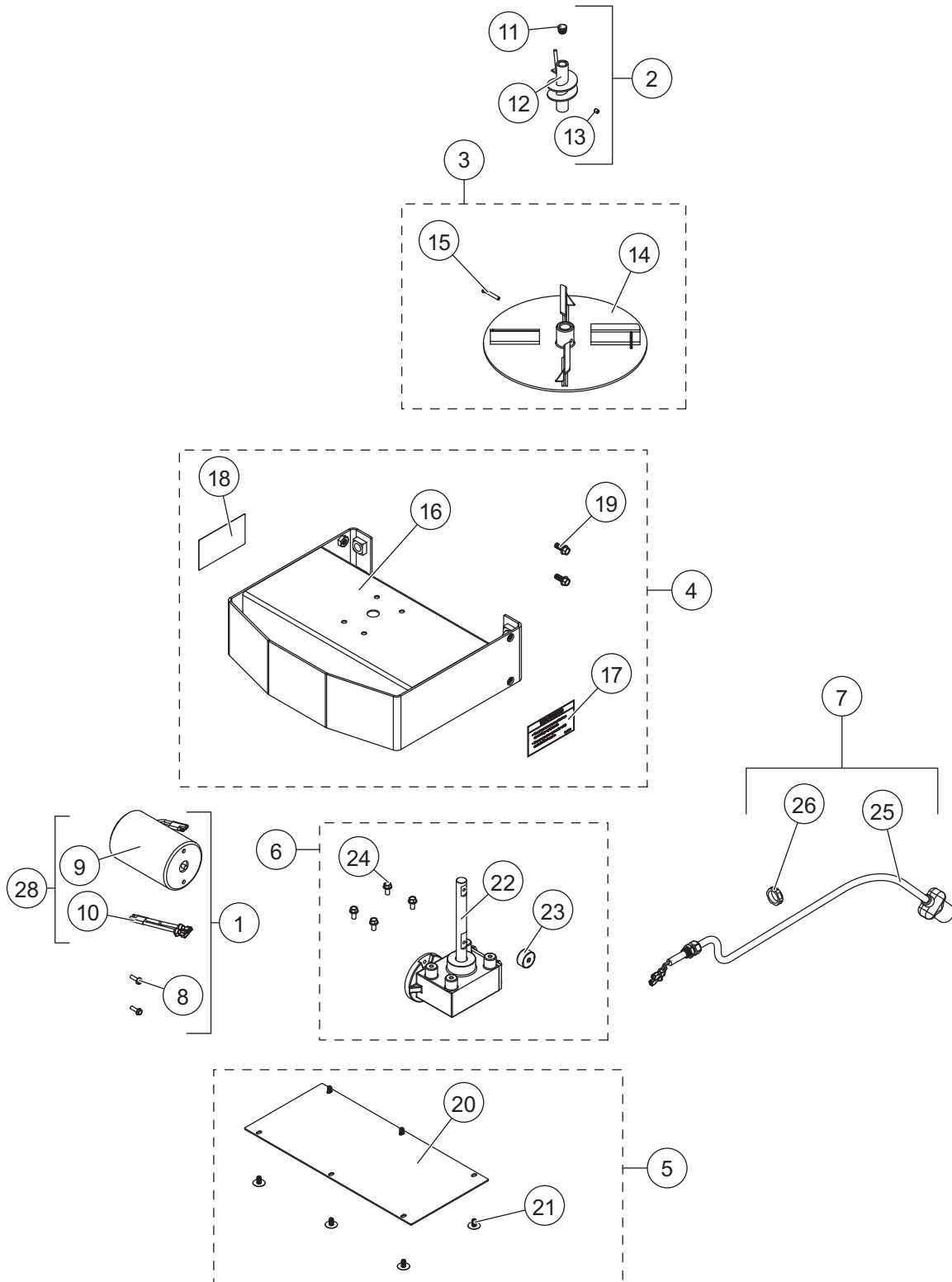




Lit. No. 43827, Rev. 01 9 September 15, 2014

# SP-575X TAILGATE SPREADER

## DRIVE ASSEMBLY

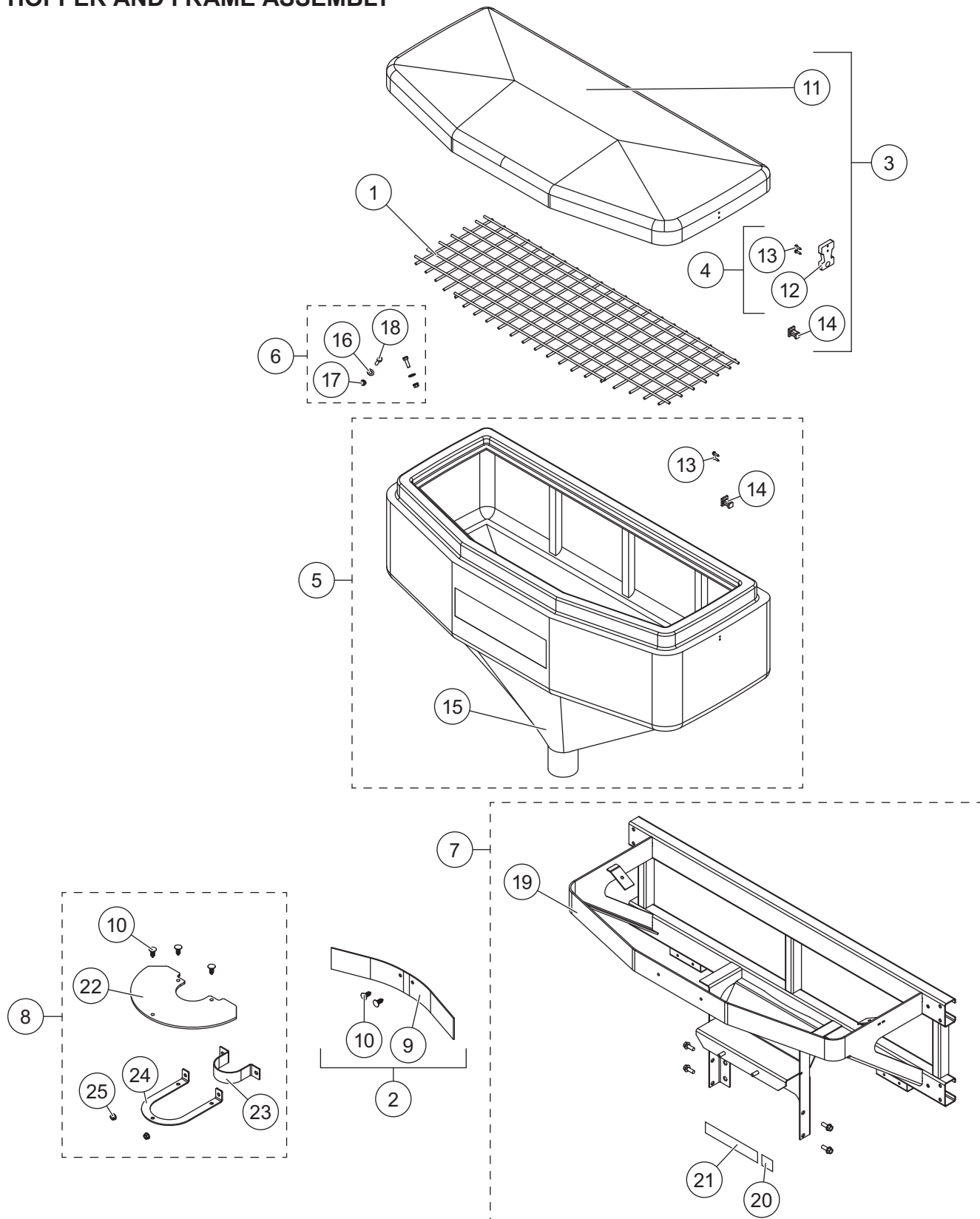


## SP-575X TAILGATE SPREADER

| 75698 Drive Assembly                                        |       |     |                                    |           |       |     |                                      |
|-------------------------------------------------------------|-------|-----|------------------------------------|-----------|-------|-----|--------------------------------------|
| Item                                                        | Part  | Qty | Description                        | Item      | Part  | Qty | Description                          |
| 1                                                           | 75626 | 1   | Motor Kit                          | 5         | 75640 | 1   | Transmission Kit                     |
| 2                                                           | 75615 | 1   | Auger Kit                          | 6         | 75618 | 1   | Spinner Kit                          |
| 3                                                           | 75635 | 1   | Transmission Enclosure Kit         | 7         | 75627 | 1   | Power Cable Kit                      |
| 4                                                           | 75641 | 1   | Transmission Enclosure Cover Kit   |           |       |     |                                      |
| <b>Item 1 75626 Motor Kit</b>                               |       |     |                                    |           |       |     |                                      |
| 8                                                           |       | 2   | 10-32 x 5/8 Hex Cap Screw Serrated | 10        | D6652 | 1   | Motor Connector Adapter              |
| 9                                                           | D6214 | 1   | 3 x 3.8 12 V DC Motor              |           |       |     |                                      |
| <b>Item 28 D6106 3 x 3.8 12V DC Motor w/2-Pin Connector</b> |       |     |                                    |           |       |     |                                      |
| 9                                                           | D6214 | 1   | 3 x 3.8 12 V DC Motor              | 10        | D6652 | 1   | Motor Connector Adapter              |
| <b>Item 2 75615 Auger Kit</b>                               |       |     |                                    |           |       |     |                                      |
| 11                                                          | D6191 | 1   | Auger Cap                          | 13        |       | 1   | 5/16-18 x 3/8 Set Screw              |
| 12                                                          | D6075 | 1   | Auger                              |           |       |     |                                      |
| <b>Item 3 75618 Spinner Kit</b>                             |       |     |                                    |           |       |     |                                      |
| 14                                                          | D6750 | 1   | Spinner, Poly                      | 15        | D6746 | 1   | 3/16 x 1-1/4 Clevis Pin              |
| <b>Item 4 75635 Transmission Enclosure Kit</b>              |       |     |                                    |           |       |     |                                      |
| 16                                                          |       | 1   | Enclosure, Spinner Drive           | 18        | 75623 | 1   | Label, Warning – Read Manual         |
| 17                                                          | 75621 | 1   | Label, Warning – Hands & Feet      | 19        |       | 4   | 3/8-16 x 1 Hex Cap Screw Serrated    |
| <b>Item 5 75641 Transmission Enclosure Cover Kit</b>        |       |     |                                    |           |       |     |                                      |
| 20                                                          |       | 1   | Spinner Drive Enclosure Cover      | 21        |       | 6   | 1/4 x 3/4 x 1/2 Retainer Black Nylon |
| <b>Item 6 75640 Transmission Kit</b>                        |       |     |                                    |           |       |     |                                      |
| 22                                                          | D6107 | 1   | Transmission 8:1                   | 24        |       | 4   | 1/4-20 x 1/2 Serrated Flange SS      |
| 23                                                          | D6232 | 1   | Motor Drive Coupler                |           |       |     |                                      |
| <b>Item 7 75627 Power Cable Kit</b>                         |       |     |                                    |           |       |     |                                      |
| 25                                                          | D6162 | 1   | 26-1/2 Power Cable                 | 26        |       | 1   | 1/2" NPT Nut Black Nylon             |
| ns = not shown                                              |       |     |                                    | G = Grade |       |     |                                      |

# SP-1075X TAILGATE SPREADER

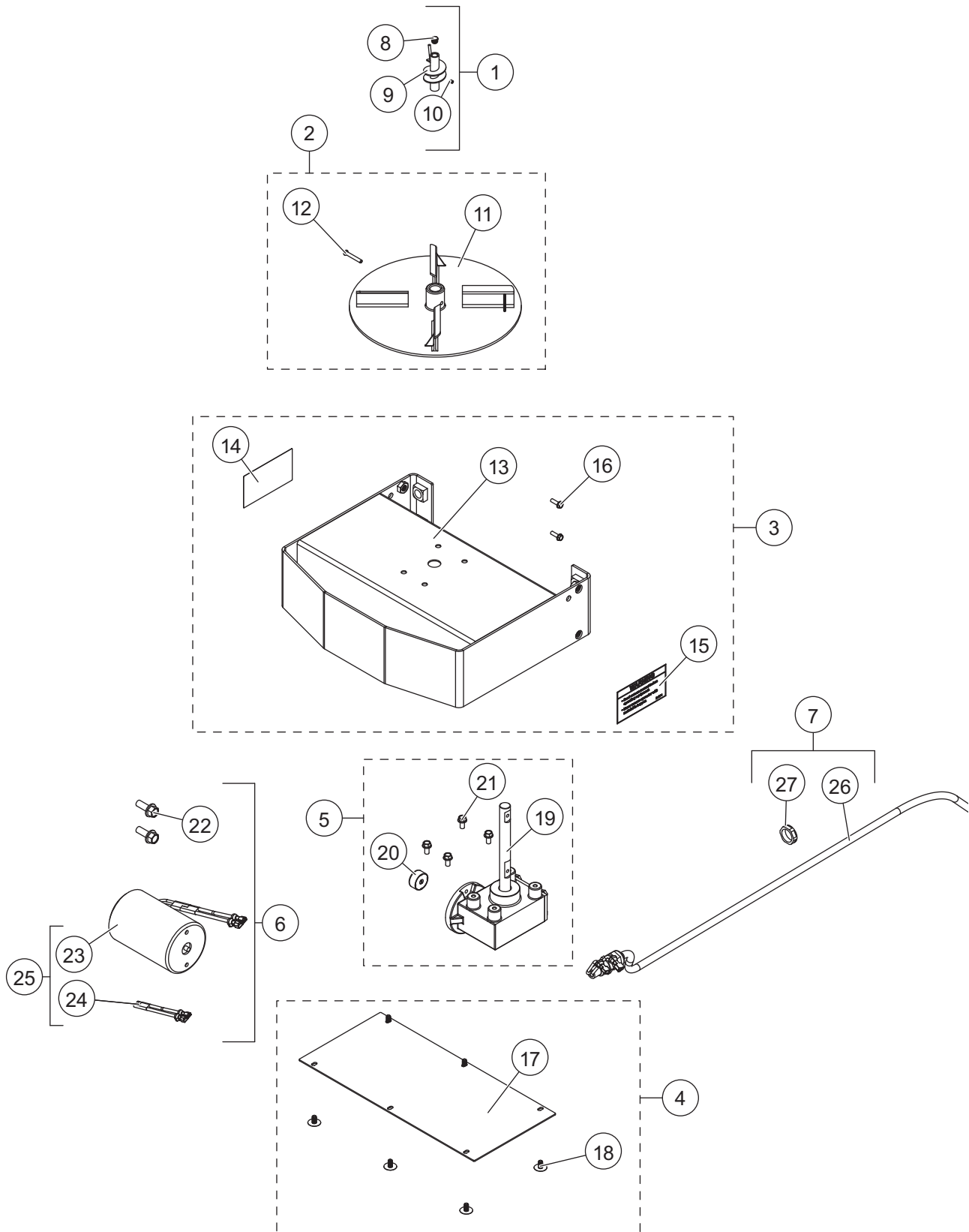
## HOPPER AND FRAME ASSEMBLY





# SP-1075X TAILGATE SPREADER

## DRIVE ASSEMBLY

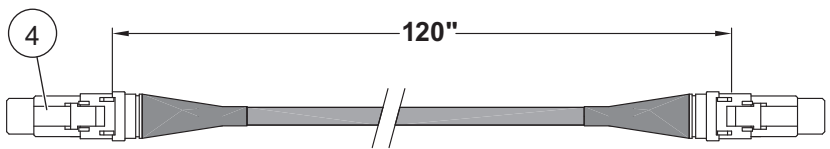
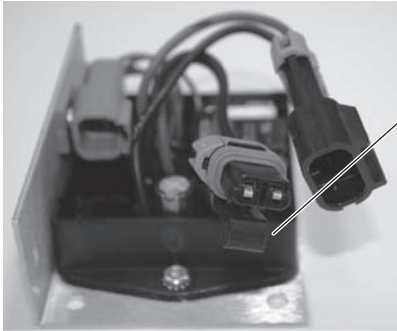
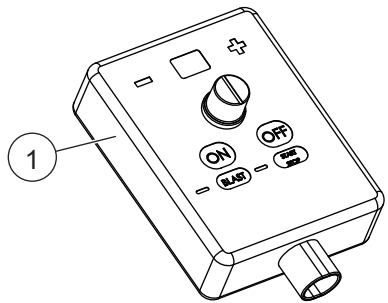


## SP-1075X TAILGATE SPREADER

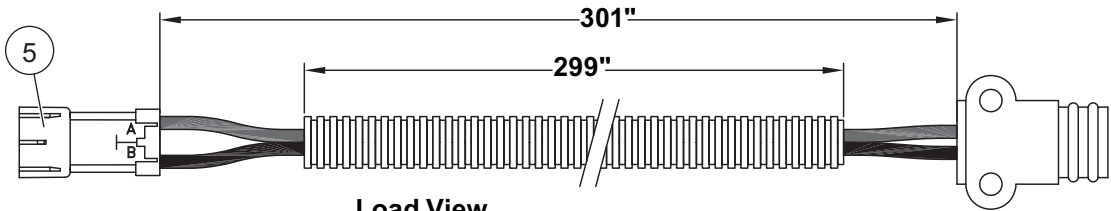
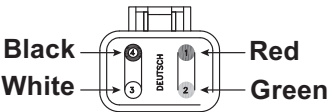
| 75699 Drive Assembly                                        |       |     |                                    |           |       |     |                                      |
|-------------------------------------------------------------|-------|-----|------------------------------------|-----------|-------|-----|--------------------------------------|
| Item                                                        | Part  | Qty | Description                        | Item      | Part  | Qty | Description                          |
| 1                                                           | 75615 | 1   | Auger Kit                          | 5         | 75640 | 1   | Transmission Kit                     |
| 2                                                           | 75618 | 1   | Spinner Kit                        | 6         | 75626 | 1   | Motor Kit                            |
| 3                                                           | 75635 | 1   | Transmission Enclosure Kit         | 7         | 75647 | 1   | Power Cable Kit, SP-1075X            |
| 4                                                           | 75641 | 1   | Transmission Enclosure Cover Kit   |           |       |     |                                      |
| <b>Item 1 75615 Auger Kit</b>                               |       |     |                                    |           |       |     |                                      |
| 8                                                           | D6191 | 1   | Auger Cap                          | 10        |       | 1   | 5/16-18 x 3/8 Set Screw              |
| 9                                                           | D6075 | 1   | Auger                              |           |       |     |                                      |
| <b>Item 2 75618 Spinner Kit</b>                             |       |     |                                    |           |       |     |                                      |
| 11                                                          | D6750 | 1   | Spinner, Poly                      | 12        | D6746 | 1   | 3/16 x 1-1/4 Clevis Pin              |
| <b>Item 3 75635 Transmission Enclosure Kit</b>              |       |     |                                    |           |       |     |                                      |
| 13                                                          |       | 1   | Enclosure, Spinner Drive           | 15        | 75623 | 1   | Label, Warning – Read Manual         |
| 14                                                          | 75621 | 1   | Label, Warning – Hands & Feet      | 16        |       | 4   | 3/8-16 x 1 Hex Cap Screw Serrated    |
| <b>Item 4 75641 Transmission Enclosure Cover Kit</b>        |       |     |                                    |           |       |     |                                      |
| 17                                                          |       | 1   | Spinner Drive Enclosure Cover      | 18        |       | 6   | 1/4 x 3/4 x 1/2 Retainer Black Nylon |
| <b>Item 5 75640 Transmission Kit</b>                        |       |     |                                    |           |       |     |                                      |
| 19                                                          | D6107 | 1   | Transmission 8:1                   | 21        |       | 4   | 1/4-20 x 1/2 Serrated Flange SS      |
| 20                                                          | D6232 | 1   | Motor Drive Coupler                |           |       |     |                                      |
| <b>Item 6 75626 Motor Kit</b>                               |       |     |                                    |           |       |     |                                      |
| 22                                                          |       | 2   | 10-32 x 5/8 Hex Cap Screw Serrated | 24        | D6652 | 1   | Motor Connector Adapter              |
| 23                                                          | D6214 | 1   | 3 x 3.8 12 V DC Motor              |           |       |     |                                      |
| <b>Item 25 D6106 3 x 3.8 12V DC Motor w/2-Pin Connector</b> |       |     |                                    |           |       |     |                                      |
| 23                                                          | D6214 | 1   | 3 x 3.8 12 V DC Motor              | 24        | D6652 | 1   | Motor Connector Adapter              |
| <b>Item 7 75647 Power Cable Kit, SP-1075X</b>               |       |     |                                    |           |       |     |                                      |
| 26                                                          | D6115 | 1   | 44-3/4 Power Cable, SP-1075X       | 27        | D6781 | 1   | 1/2 NPT Black Nylon Nut              |
| ns = not shown                                              |       |     |                                    | G = Grade |       |     |                                      |

# SP-575X/1075X TAILGATE SPREADER

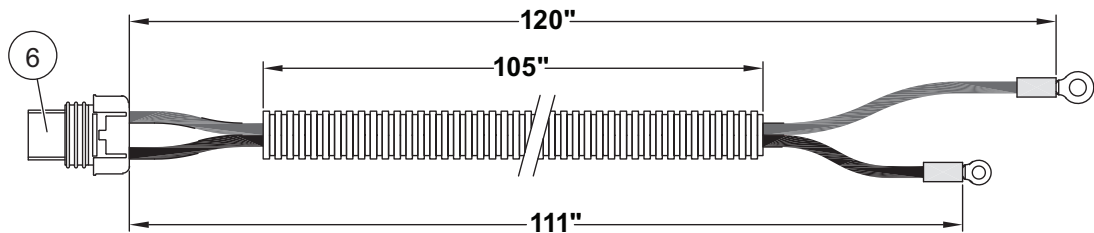
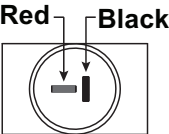
## ELECTRICAL COMPONENTS



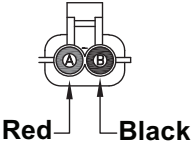
Load View



Load View



Load View





## SP-575X/1075X TAILGATE SPREADER

---

| Electrical Components |        |     |                 |                          |        |     |                 |
|-----------------------|--------|-----|-----------------|--------------------------|--------|-----|-----------------|
| Item                  | Part   | Qty | Description     | Item                     | Part   | Qty | Description     |
| 1                     | F50607 | 1   | Control Pendant | 3                        | F50869 | 1   | Harness Kit     |
| 2                     | F50576 | 1   | Control Module  |                          |        |     |                 |
| <b>Item 3</b>         |        |     |                 | <b>50869 Harness Kit</b> |        |     |                 |
| 4                     | F50578 | 1   | Data Cable      | 6                        | F50580 | 1   | Battery Harness |
| 5                     | F50579 | 1   | Vehicle Harness |                          |        |     |                 |
|                       |        |     |                 |                          |        |     |                 |



531 Ajax Drive  
Madison Heights, MI 53224-9538  
[www.snowexproducts.com](http://www.snowexproducts.com)

 A DIVISION OF DOUGLAS DYNAMICS, LLC

Copyright © 2014 Douglas Dynamics, LLC. All rights reserved. This material may not be reproduced or copied, in whole or in part, in any printed, mechanical, electronic, film or other distribution and storage media, without the written consent of TrynEx International. Authorization to photocopy items for internal or personal use by TrynEx International outlets or spreader owner is granted.

TrynEx International reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used. TrynEx International or the vehicle manufacturer may require or recommend optional equipment for spreaders. Do not exceed vehicle ratings with a spreader. TrynEx International offers a limited warranty for all spreaders and accessories. See separately printed page for this important information. The following are registered (®) or unregistered (™) trademarks of Douglas Dynamics, LLC: SnowEx®, TrynEx®.

**Printed in U.S.A.**